

AMENDMENTS TO THE CLAIMS

Listing of the claims:

Following is a listing of all claims in the present application, which listing supersedes all previously presented claims:

Claim 1. (Currently Amended) A reconnaissance system, comprising:

a projectile having an opening through which images of a target area are acquired;

a portable rifle launcher having means for affixing said launcher to a rifle for launching said projectile to fly along and above said target area;

image acquiring means within the projectile for acquiring images of the target area through said opening;

a transmitter within the projectile for transmitting during its flight said acquired images to a remote station;

means for stabilizing at least one of said projectile and said image acquiring means while flying in a ballistic trajectory above the target area; and

a remote station, which comprises a receiver for receiving the said images transmitted from the projectile, and a monitor comprising a display for displaying the received images.

Claim 2. (Previously Presented) The system according to claim 1, wherein said stabilizing means are vanes mounted on the rear side of said projectile.

Claim 3. (Previously Presented) The system according to claim 1, wherein said stabilizing means are gyroscopic means that determines the orientation of said image acquiring means with respect to the projectile and the target area.

Claim 4. (Previously Presented) The system according to claim 1, wherein the image acquiring means is selected from the group consisting of an optical camera, an infrared camera, a CCD and a CMOS.

Claim 5. (Previously Presented) The system according to claim 1, wherein the projectile transmitter comprises an antenna printed on the outer surface of the projectile, thereby maintaining an aerodynamic outline of said projectile.

Claim 6. (Previously Presented) The system according to claim 1, wherein the projectile is pushed by a cartridge containing a charge in quantity that corresponds to the ballistic properties of said projectile and the distance from the launching point to the target.

Claim 7. (Previously Presented) The system according to claim 1, wherein the launcher is coupled to a rifle and the launcher launches the projectile.

Claim 8. (Previously Presented) The system according to claim 1, wherein the launcher is detached from a rifle and independent thereof and the launcher launches the projectile.

Claim 9. (Previously Presented) The system according to claim 1, wherein the remote station is a portable computing device.

Claim 10. (Previously Presented) The system according to claim 9, wherein the computing device is selected from the group consisting of laptop computers, PDAs and Pocket PCs.

Claim 11. (Previously Presented) The system according to claim 1, wherein the image acquiring means comprise two separate and distanced lenses whereby to generate three-dimensional images.

Claim 12. (Previously Presented) The system according to claim 1, wherein the means for stabilizing the projectile comprise retractable fins.

Claim 13. (Previously Presented) The system according to claim 1, wherein the transmitter transmits the images to one or more remote stations.

Claim 14. (Previously Presented) The system according to claim 13, wherein the images are transmitted together with a selection code that enables their reception only by predetermined stations.

Claim 15. (Canceled).

Claim 16. (Canceled).

Claim 17. (Canceled).

Claim 18. (Previously Presented) The system according to claim 1, wherein the launcher is a grenade launcher.

Claim 19. (Previously Presented) The system according to claim 18, wherein the rifle is an M 16, and the launcher is an M 203 grenade launcher.